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Title: Research and discussion on electric vehicles charging cable testing methods in different standard systems

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Abstract

Within increased use of plug-in electric vehicles (PEVs) has environmental and economic benefit, some institute has published some standards to verify the quality of electric vehicles cables. While these standard systems have some differences may confuse the industry manufacture and customs. In this article some similar and difference were found and discussed in order to clarify the test detail in UL and TÜV electric vehicles charging cable standards. From this paper, the test methods of PEV cables can be understand clearly and help cable industry to product and inspect useful electric vehicles cables.